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Reprints of it accompany this report. They can also be sent to members of the Committee of One Hundred who so desire.

It is intended presently to collect data regarding Astronomical Observatories and Marine Biological Laboratories which hitherto have been delayed by unavoidable circumstances.

It is desirable to secure authoritative information regarding the appropriations which are annually made by the federal government and many state legislatures for research in agricultural and engineering subjects, unless the committee should be relieved from doing this because of the similar work undertaken by the committee appointed by the National Academy of Sciences.

CHAS. R. CROSS,  
*Chairman*

#### SCIENTIFIC NOTES AND NEWS

DR. JULIUS STIEGLITZ, professor of chemistry in the University of Chicago, has been elected president of the American Chemical Society. Dr. Stieglitz has also been elected president of the Society of Sigma Xi.

THE alumni of Columbia University will give a dinner on February 19 in recognition of the university's contributions to science and engineering. The guest of honor will be Professor M. I. Pupin, who completes his twenty-fifth year of service to the university.

THE gold medal of the Royal Astronomical Society has been awarded to Mr. W. S. Adams, of the Mount Wilson Solar Observatory, for his investigations in stellar spectroscopy.

THE Geological Society, London, has this year made the following awards: Wollaston medal, Professor A. F. A. Lacroix (Paris); Murchison medal, Dr. G. F. Matthew (Canada); Lyell medal, Dr. Wheelton Hind (Stoke-on-Trent); Bigsby medal, Mr. R. G. Carruthers (H.M. Geological Survey); Wollaston fund, Dr. P. G. H. Boswell (Imperial College of Science); Murchison fund, Dr. W. Mackie (Elgin); Lyell fund, Dr. A. H. Cox (King's College, London), and Mr. T. C. Nicholas (Trinity College, Cambridge); Barlow-Jame-

son fund, Mr. H. Dewey (H.M. Geological Survey).

At the suggestion of the chairman of the National Research Council of the National Academy of Sciences the following Committee for the Encouragement of Research at the University of Chicago has been appointed: President Judson, Trustees Martin Ryerson, Julius Rosenwald and Harold Swift, Professors Coulter, Michelson, Millikan, T. C. Chamberlin, Stieglitz, E. H. Moore and Bensley, and, from the alumni of the university, Dr. F. B. Jewett, of the Western Electric Company, New York City, and Dr. R. F. Bacon, director of the Mellon Institute.

RAYMOND CECIL MOORE, Ph.D. (Chicago, '16), has been appointed head of the state geological survey of Kansas. Dr. Moore has been engaged in geological survey work in Missouri and Illinois and for the United States government, and is now connected with the University of Kansas.

At the annual meeting of the trustees of the Rockefeller Foundation Dr. George E. Vincent, president of the University of Minnesota, was elected president of the foundation to succeed Mr. John D. Rockefeller, Jr., who was appointed chairman of the board of trustees. Messrs. Charles E. Hughes, Julius Rosenwald, of Chicago, and Dr. Wallace Buttrick, chairman of the General Education Board, were also elected trustees, and Mr. Edwin Rogers Embree, assistant secretary of Yale University, was elected secretary to succeed Mr. Jerome D. Greene.

GEORGE R. LA RUE, assistant professor of zoology at the University of Michigan, has been appointed director of the University of Michigan Biological Station at Douglas Lake, Michigan.

DR. WILLIAM S. STONE has been appointed assistant director of cancer research of the Memorial Hospital, New York City.

MAJOR JOHN A. AMYOT, Toronto, formerly director of the Ontario Board of Health laboratories and professor of hygiene and public medicine in the University of Toronto, has

been appointed sanitary adviser in England to the Canadian forces.

WE learn from *Nature* that Mr. Udny Yule, one of the honorary secretaries of the Royal Statistical Society, has been appointed head of the Information and Statistical Bureau of the British Ministry of Food. With Mr. Yule will be associated Professor T. B. Wood, Drapers professor of agriculture in the University of Cambridge, and Professor W. H. Thompson, professor of physiology, Trinity College, Dublin.

PROFESSOR GEORGE C. WHIPPLE, of Harvard University, has recently made to the New York state commissioner of health a report on the proposed plant at Staten Island for the disposal of the garbage of the city of New York.

DR. R. TAIT MCKENZIE, professor of physical education at the University of Pennsylvania, is now making a standard design for all medals given by the Intercollegiate Conference of Western Universities. This design will serve for the large medals given by the conference to the individual point winner in its outdoor meets.

At the last meeting of the American Phytopathological Society, from December 27 to 30, in New York City, the following officers were elected:

*President*, Mel. T. Cook, N. J. Agricultural Experiment Station.

*Vice-president*, Chas. Brooks, U. S. Bureau of Plant Industry.

*Councilor*, H. S. Jackson, Indiana Experiment Station.

At the annual meeting of the State Microscopical Society of Illinois held in the auditorium of the College Club, Chicago, on January 16, the following trustees were elected, Dr. Albert McCalla, Dr. Lester Curtis, David L. Zook, Francis T. Harmon and Jeremiah A. Hynes. The officers elected for the coming year were:

*President*, N. S. Amstutz.

*First Vice-president*, Dr. I. J. K. Golden.

*Second Vice-president*, Professor G. E. Marsh.

*Treasurer*, Frank I. Packard.

*Curator*, Henry F. Fuller.

*Corresponding Secretary*, Dr. V. A. Latham.

*Recording Secretary*, Charles A. Ruhl.

At the meeting of the Washington Academy of Sciences on February 1, in the auditorium of the New National Museum, the retiring president, Dr. L. O. Howard, delivered an address on "The Carriage of Disease by Insects."

At the 505th meeting of the Anthropological Society of Washington, Mr. William H. Babcock read a paper on "Certain Precolumbian Notices of the Inhabitants of Atlantic Islands." He referred to early Norse and Celtic legends, the story of Atlantis, and later tales recorded by Diodorus Siculus and Plutarch. The geography of the Arab writer, Edrisi, was considered at greater length, and the rest of the paper was taken up with accounts of the Canary Islanders given by him, and by later authors, such as Bontier and Leverrier, Azurara and Cadamosto.

PROFESSOR JAMES W. JOBLING, of Vanderbilt University, lectured before the New York Academy of Medicine on February 3 on "The Influence of Nonspecific Substances on Infections."

DR. ROBERT M. YERKES, of the department of psychology of Harvard University, and psychologist to the psychopathic hospital of Boston, lectured at the University of Minnesota, before the Minnesota chapter of Sigma Xi on January 26. The subject of his lecture was "Psychological Methods of Examination and Diagnosis."

PROFESSOR A. W. GOODSPEED, of the University of Pennsylvania, has recently completed a course of three lectures on "Light, Visible and Invisible," at the Brooklyn Institute of Arts and Sciences.

ON January 25 Dr. A. Hrdlička spoke on "Anthropology" before the Colonnade Club of the University of Virginia; and on January 26 he gave a lecture before the faculty and advanced students of the university, on "The Evolution of Man."

THE Gifford lectures at Glasgow University are this year being given by Professor Samuel Alexander, of Manchester University, on "Space, Time and Deity."

It is stated in *Nature* that Professor and Mrs. Herdman have recently established and endowed an institute at Port Erin, Isle of Man, for social and educational purposes, as a memorial to their son, Lieut. George A. Herdman, who was killed in action near Montaubon, in the battle of the Somme, on July 1, 1916. Lieutenant Herdman spent a great part of his boyhood at Port Erin, associating with the local fishermen and working at the Marine Laboratory.

DR. N. H. J. MILLER, who since 1887 has worked at the Rothamsted Station in England, died suddenly on January 12.

J. B. A. CHAUVEAU, member of the section of agriculture of the Paris Academy of Sciences, has died at the age of eighty-nine years.

THE Agassiz house, at the corner of Broadway and Quincy Street, Cambridge, has been damaged by fire to the amount of \$15,000 to \$20,000. It will be hardly worth while to rebuild from the structure that remains. Practically all the partitions from the roof down to the second story are destroyed. The house, which since 1910 has been the property of Harvard College, was insured for \$10,000. After Louis Agassiz's death the house was used by Alexander Agassiz, and, together with the house occupied by Professor Hurlbut, was later bequeathed to Harvard College.

At a meeting of the Board of Managers of the Biological Laboratory of the Brooklyn Institute of Arts and Sciences at Cold Spring Harbor, N. Y., the completion of an endowment of \$25,000 for the laboratory was announced. The principal donors are: Mr. W. J. Matheson, estate of Colonel Robert B. Woodward, Mr. Walter Jennings, Mr. A. A. Healy, Mr. August Heckscher, Mr. Cleveland H. Dodge, Mr. Louis C. Tiffany, Mr. Howard C. Smith, Mrs. E. H. Harriman, Colonel T. S. Williams, Mr. Henry F. Noyes, Miss Cornelia Prime, Mr. Albert Strauss and Mr. Donald Scott.

THE "Norsk hydroelektrisk Kvaestof aktieselskab" has set aside 100,000 kr. to be transferred to the Nansen fund trustees, Christiania, Norway, for the promotion of chemical and

physical research. In as much as the founder of this company, Sam. Eyede, celebrates his fiftieth birthday on the twenty-ninth of October the company desires that this fund be known as "The Sam. Eyede fund for the promotion of chemical and physical research."

MR. BENJAMIN W. ARNOLD has presented to the New York State Museum his large oological collection, which contains nestings of about 1,000 species of North American birds, and several hundred species from South America, the West Indies, the islands of the South Atlantic, New Zealand, and the countries of Europe. It also contains a large series of nests and other scientific material. Mr. Arnold has been a life-long student of birds, and in view of his gift and his continuing interest in the subject, has been appointed honorary curator of ornithology in the State Museum.

HARVARD UNIVERSITY has recently acquired the mineralogical collection of the late Elwood P. Hancock of Burlington, N. J. It contains more than 2,000 pieces, almost all of which are native to the state of New Jersey. Many of the finest specimens were obtained in the vicinity of the zinc mines at Franklin Furnace, N. J. During Mr. Hancock's researches, which covered every part of the state, he discovered a new mineral to which his name was subsequently attached by the Museum of Natural History in New York.

THE Philippine government has made available funds for the establishment of a permanent tobacco experiment station in the upper Cagayan Valley. The station is to be administered by the Bureau of Agriculture, with the Bureau of Internal Revenue and the College of Agriculture of the Philippines contributing advice and other assistance. D. B. Paguidigan and Alfonso B. Cagurangan will be members of the staff.

THE finance committees of the senate and assembly of New York State have agreed on a plan for state institutions covering a period of ten years and involving the expenditure of \$20,000,000. This money will be used to build new hospitals for the insane and institutions

for the feeble-minded, as well as repairs for existing institutions.

WE learn from the *Journal* of the American Medical Association that plans have been prepared for the new John P. Scripps Memorial Hospital for working men and women in San Diego. As a preliminary step, the San Diego Diagnostic Group Clinic for John P. Scripps Foundation is at once to be put into operation in the Scripps residence, which has been donated for that purpose. Mr. Scripps guarantees a sum up to \$250,000 for the clinic and the erection, furnishing and equipment of the hospital. He also agrees for a term of years to meet, up to the sum of \$30,000, any deficit in the amount required for the maintenance of the institution. Drs. Bernard J. O'Neill, Harry C. Loos, John E. Jennison, Vernon G. Clark and Harold A. Thompson comprise the executive committee of the institution.

THE first lecture in the spring term of the course of popular science lectures maintained by the California Academy of Sciences in its new museum building in Golden Gate Park, San Francisco, was given Sunday afternoon, January 14, by Dr. R. G. Aitken, astronomer, of Lick Observatory. Dr. Aitken's subject, "A Total Eclipse of the Sun," proved one of very great interest. Other lectures are:

January 17. By Dr. F. M. McFarland, professor of histology, Stanford University, on "The Structure and Development of the Molluscan Shell."

January 21. By Dr. Frank W. Weymouth, assistant professor of physiology, Stanford University, on "The Edible Crabs and Fishing Methods on the Pacific Coast."

January 28. By Dr. James Perrin Smith, professor of paleontology, Stanford University, on "Alexander von Humboldt."

February 4. By Miss Alice Eastwood, curator of botany, California Academy of Sciences, on "Trees and Shrubs of the Grand Cañon."

THE *Journal* of the American Medical Association states that the ninth quadrennial Scandinavian congress for internal medicine was to have been held in Finland this spring, but the war prevents. Arrangements have now been made for the meeting to be held at Copenhagen in August, 1917. The subjects appointed for discussion are "Importance of

Dieting in Treatment of Insufficiency of the Heart and Kidneys," and "Neurasthenia in Relation to Psychopathic Conditions." V. Scheel, Bispebjerg Hospital, Copenhagen, is the secretary. The twenty-third annual meeting of the German internists is planned to convene at Wiesbaden in the coming April. The main addresses announced are on "Nutrition in War," "The Constitution as a Cause of Disease," and "The Rarer Infectious Diseases encountered during the War." W. Weintraud, Rosselstrasse 20, Wiesbaden, is the secretary. The announcement of this meeting specifies that communications for it will not be accepted if their essential content has already been published.

THE Board of Agriculture and the Development Commissioners of Great Britain have been considering the establishment of a research institute to investigate problems relating to agricultural machinery, and they consider that the institute could be most suitably established at Cambridge in association with the existing schools of engineering and agriculture. The Board of Agricultural Studies feel that the university should give a cordial welcome to the proposal. It is suggested that the principal officers of the institute should be (1) a director with experience of mechanism, and (2) an assistant director, who would be an agriculturist. For the former a stipend of £700 a year is suggested, and for the latter one which would range between £250 and £500. The building, probably at first of a temporary nature, could be erected adjoining the School of Agriculture, and land required for experimental work could be found on the two university farms. The establishment of the institute in Cambridge would not throw any burden on the university funds.

#### UNIVERSITY AND EDUCATIONAL NEWS

THE Hon. William B. McKinley, congressman from the Nineteenth District, Champaign, Ill., has given bonds and stocks valued at \$120,000 to the University of Illinois for the establishment of an infirmary for the use of the students and faculties of the institution.